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Company Name Hycon Mfg. Company	ENGINEERING STUDY ☐ CHANGE PROPOSAL [X]	Proposal No. HY-12 Ref. Hycon AR #A2155 AR #B2154
DATE 2 Jun 59	AFFECTS: PROJECT [X] WSPO [X]	Ref. Hycon Req. Letter #

NAME OF MAJOR COMPONENT	PART OR LOWEST SUB-ASSEMBLY	PART NO. & MODEL OR TYPE
HS-732 Shutter		738000 Assy

TITLE OF PROPOSAL: ELIMINATION OF RELAYS

NATURE OF PROPOSAL:

Replace present start switch and actuator assemblies with the following new parts:

738053	Bracket, Switch
730129-76	Switch
730129-77	Actuator (R.H.)
730129-78	Actuator (L.H.)
738067	Rack Gear, Slug
738169	Bar, Locking - Switch Bracket

REASON FOR PROPOSAL:

New parts eliminate two relays and troublesome diodes and capacitors in filtering circuitry; simplify electrical operation and adjustment of switches; eliminate the need for expert coordination of latch and switch adjustment; and insure longer trouble-free service life with less field maintenance.

100% factory replacement at routine M & O. Slight reduction in weight.

25X1

E S	ESTIMATED COST AND TIME INVOLVED: ADDITIONAL FUNDING REQUIRED:	N/A
C P	ESTIMATED COST FOR KITS OR PARTS: ADDITIONAL FUNDING REQUIRED: None	$41.69 each Contract HF-CT-696

ITEMS AFFECTED BY PROPOSAL: 32 for Project
35 for WSPO

Safety	Mission Effectiveness	Performance	Operating Procedure	Interchangeability	Weight or Wt. & balance	Tools & Support Equipment	Maintenance Procedure	Service Life	Flight Manual	Maintenance Manual
☐	[X]	[X]	☐	☐	☐	☐	[X]	[X]	☐	[X]

EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD: Factory Modification

SOURCE OF PARTS FOR KIT: Contractor

AVAILABILITY 8 WEEKS AFTER APPROVAL

QUANTITY OF SPARES AFFECTED: None

25X1 INITIATED BY: M & O

APPROVED:

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6/29/59

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